

Listing of Claims:

1. (Currently Amended) A camera comprising:

a sensor array which detects an image signal of a subject existing in a specific position on a photographic screen and ~~has~~ which includes a plurality of sensors;

5 a computing section which calculates ~~the~~ an average value of ~~the~~ outputs of a part of said plurality of sensors in the sensor array;

an average photometric sensor which detects ~~the~~ an average brightness at the photographic screen;

10 an average luminance computing section which calculates ~~the~~ an average luminance value at the photographic screen based on ~~the basis of the~~ an output of the average photometric sensor;

a subject state judgment section which determines ~~the~~ a state of the subject by comparing the average value of the sensor outputs with the average luminance value; ~~and~~

15 an optical sensor which detects a luminance value of an average brightness at a wavelength area different from a photometric wavelength area detected by the average photometric sensor at the photographic screen;

20 a subject field state judgment section which determines a state of a subject field including the subject by comparing the

average luminance value with the luminance value detected by the optical sensor; and

an exposure control determining section which determines exposure control during photographing based on ~~the basis of~~ the average luminance value and ~~the~~ results of ~~the~~ determinations ~~at~~ of the subject state judgment section and the subject field state judgment section.

2. (Currently Amended) The camera according to claim 1, further comprising:

a photographic optical system capable of variable power;

a first optical system which directs light from the subject to the sensor array and is different from the photographic optical system; and

a second optical system which directs the light from the subject to the average photometric sensor and is different from the photographic optical system,

wherein the average photometric sensor ~~has~~ includes a plurality of light-receiving ~~portion~~ portions, each having a different light-receiving range, and changes ~~not only the~~ a size occupied by ~~a~~ the part of said plurality of sensors in the sensor array used in the computing section but also ~~the~~ a light-receiving range of the average photometric sensor according to ~~the~~ a variable power state of the photographic optical system.

3. (Currently Amended) The camera according to claim 1,
wherein the sensor array produces a distance-measuring image
signal, and

wherein the outputs of ~~a~~ the part of said plurality of
5 sensors in the sensor array used in the computing section
correspond to the sensor outputs used for distance measurement.

4. (Currently Amended) The camera according to claim 3,
further comprising [[:]] a photographic optical system;

wherein the sensor array is ~~capable of forming~~ adapted to
form a distance-measuring image signal at a plurality of ~~position~~
5 positions on the photographic screen, and

wherein the outputs of ~~a~~ the part of said plurality of
sensors in the sensor array used in the computing section
correspond to the outputs of the sensors used to output distance
data used to focus the photographic optical system among a
10 plurality of positions on the photographic screen.

5. (Currently Amended) The camera according to claim 1,
further comprising:

a strobe unit which emits strobe light toward the subject;
and

5 a judgment section which determines whether the strobe light reaches the subject,

 wherein the exposure control determining section determines exposure control during photographing, taking into account ~~the~~ a result of ~~the~~ a determination ~~at~~ of the judgment section.

6. (Currently Amended) The camera according to claim 5, wherein the exposure control determining section determines exposure control during photographing so as to cause the strobe unit to emit light and perform exposure control, when the
5 judgment section has determined that the strobe light reaches the subject and the result of the determination ~~at~~ of the subject state judgment section has shown a specific state.

7. (Currently Amended) The camera according to claim 6, wherein:

 the subject state judgment section determines whether the subject is against light, and

5 the specific state is a state where the subject is against light.

8. (Currently Amended) The camera according to claim 5, further comprising a discriminative section which discriminates ~~the~~ a mode of the camera,

wherein the exposure control determining section determines
5 exposure control during photographing, taking into account ~~the a~~
~~result of the result~~ of the discrimination ~~at~~ of the
discriminative section.

Claim 9 (Canceled).

10. (Currently Amended) A camera comprising:

a sensor array which detects an image signal of a subject
existing in a specific position on a photographic screen and ~~has~~
which includes a plurality of sensors;

5 a computing section which calculates ~~the~~ an average value of
~~the~~ outputs of a part of said plurality of sensors in the sensor
array;

an average photometric sensor which detects ~~the~~ an average
brightness of visible light at the photographic screen;

10 an average luminance computing section which calculates ~~the~~
an average luminance value at the photographic screen based on
~~the basis of the~~ an output of the average photometric sensor;

an infrared ~~photometric~~ sensor which detects an infrared
luminance value indicating ~~the~~ a brightness of ~~the~~ average
15 infrared light at the photographic screen;

a subject state judgment section which determines ~~the~~
a state of the subject by comparing the average value of the
sensor outputs with the average luminance value;

a subject field state judgment section which determines ~~the~~
a state of a subject field including the subject by comparing the
average luminance value with the infrared luminance value; and

an exposure control determining section which determines
exposure control during photographing based on ~~the basis of~~ the
average luminance value and ~~the~~ results of ~~the~~ determinations ~~at~~
of the subject state judgment section and the subject field state
judgment section.

11. (Currently Amended) The camera according to claim 10,
further comprising:

a strobe unit which emits strobe light toward the subject;
and

a judgment section which determine whether the strobe light
reaches the subject,

wherein the exposure control determining section ~~not only~~
determines (i) exposure control during photographing so as to
cause the strobe unit to emit light and perform exposure control,
when the judgment section determines that the strobe light
reaches the subject and the result of the determination at the
subject state judgment section has shown a specific state, ~~but~~

~~also~~ and (ii) determines exposure control during photographing so as to cause the strobe unit to emit light and perform exposure control, when the judgment section determines that the strobe light reaches the subject and the result of the determination at the subject field state judgment section has shown a specific state.

12. (Currently Amended) The camera according to claim 11, wherein:

the subject state judgment section determines whether the subject is against light, and

the specific state is a state where the subject is against light.

13. (Currently Amended) The camera according to claim 11, wherein:

the subject field state judgment section determines whether the light source of the subject field is artificial, and

the specific state is a state where the light source of the subject field is artificial.

14. (Currently Amended) The camera according to claim 11, further comprising a discriminative section which discriminates ~~the~~ a mode of the camera,

wherein the subject state judgment section does not make a
5 decision [[,]] when the discriminative section has determined
that the camera is in a specific mode.

15. (Original) The camera according to claim 14, wherein
the specific mode is at least one of a strobe OFF mode, a spot
photometric mode, and an infinite photographic mode.

16. (Currently Amended) The camera according to claim 11,
further comprising a discriminative section which discriminates
~~the a~~ mode of the camera, wherein

the subject field state judgment section does not make a
5 decision [[,]] when the discriminative section has determined
that the camera is in a specific mode.

17. (Original) The camera according to claim 16, wherein
the specific mode is at least one of a strobe OFF mode, a spot
photometric mode, and an infinite photographic mode.

18. (Currently Amended) The camera according to claim 10,
further comprising:

a photographic optical system; and

a finder which is provided separately from the photographic
5 optical system ~~and is~~ for viewing ~~the~~ an image of the subject,

wherein the sensor array and the average photometric sensor are provided near the finder.

19. (Currently Amended) The camera according to claim 18, wherein the infrared ~~photometric~~ sensor is provided farther away from the finder than from the average photometric sensor and sensor array.

Claims 20-33 (Canceled).

34. (New) The camera according to claim 1, wherein the optical sensor is adapted to receive a signal from a remote control unit to operate the camera by remote control.

35. (New) The camera according to claim 10, wherein the sensor array generates a distance measuring image signal and the infrared sensor is adapted to receive the signal from the remote control unit to operate the camera by remote control.